Bull Soc Chim Fr (1994) 131
© Elsevier, Paris

Authors index

A

About-Jaudet E -- *See* Fouqué D *et al*, 992
Ahond A -- *See* Daninos S *et al*, 590
Aitken DJ -- *See* Guillaume D *et al*, 391
Al Mourabit A -- *See* Daninos S *et al*, 590
Al-Badri H -- *See* Fouqué D *et al*, 992
Alajarin M -- *See* Flammang R *et al*, 636
Alcaraz G -- *See* Romanenko V *et al*, 748
Alvernhe G -- *See* Saluzzo C *et al*, 831
Aly AA, Hassan AA, Mourad AFE, On some chemical properties of [2.2]paracyclophane-tetraester, 45
Amaudrut J -- *See* Guyon F *et al*, 217
Amrollah-Madjdabadi A -- *See* Beugelmans R *et al*,1019
Anceau C, Dauphin G, Coudert G, Guillaumet G, Stéréosélectivités comparées des réactions d'alkylation d'énolates de ψ-valérolactones, 291
Anker D -- *See* Saluzzo C *et al*, 831
Arnaud R, Bensadat A, Ghobsi A, Laurent A, Le Dréan I, Lesniak S, Selmi A, Reactivity of trifluoromethyl enones in Michael additions, 844
Aymes DJ -- *See* Wang J *et al*, 30, 37

B

Bakkas S -- *See* Khamliche L *et al*, 1032
Bao LS, Barthomeuf D, 730
Barrère B -- *See* Maudrin J *et al*, 400
Barthomeuf D -- *See* Bao LS, Barthomeuf D, 730
Bartik K -- *See* Luhmer M *et al*, 603
Bassus J -- *See* Selatnia A *et al*, 360
Bayle JP -- *See* Berdagué P *et al*, 335
Beaudet I -- *See* Parrain JL *et al*, 304
Bedoya Zurita M -- *See* Daninos S *et al*, 590
Beguin CG -- *See* Chautemps P *et al*, 434
Bell RG -- *See* Thomas JM *et al*, 463
Belotti D -- *See* D Cossy J *et al*, 723
Benhida R, Gharbaoui T, Lechevallier A, Beugelmans R, Dérivés N-alkylés du 4-nitroimidazole. Synthèse par chimie radicalaire (SRN1) et aménagements fonctionnels, 200 -- *See* Gharbaoui T *et al*, 561 -- *See* Beugelmans R *et al*, 1019
Bensadat A -- *See* Arnaud R *et al*, 844
Berdagué P, Perez F, Courtieu J, Bayle JP, Influence de la substitution latérale par des chaînes alcoxyle sur les propriétés mésomorphes de complexes de cuivre, 335
Berkes D, Decroix B, Synthèse de pipéridinothiénoazépinones, méthano-thiénoazécinone et étude de leur réduction stéréosélective, 984
Berkous R, Dupas G, Bourguignon J, Quéguiner G, Behavior and extension of the scope of NADH models to the reduction of non-activated ketones by a stable indolo NADH compound in the presence of Lewis acids, 632
Bernadou J -- *See* Gaggero N *et al*, 706 -- *See* Meunier B *et al*, 931
Bernardi E, Cros S, Viallefont P, Lazaro R, Synthesis of new cytotoxic cyclopeptide analogs of Chlamydocin, 942
Berrier C -- *See* Jacquesy JC *et al*, 658
Berthiaume S -- *See* Dory YL *et al*, 121
Bertin F -- *See* Hannane S *et al*, 262
Bertrand G -- *See* Romanenko V *et al*, 748
Besançon J -- *See* Szymoniak J *et al*, 89
Betschinger F -- *See* Schurig V, Betschinger F, 555
Beugelmans R -- *See* Benhida R *et al*, 200 -- *See* Gharbaoui T *et al*, 561 -- ***, Amrollah-Madjdabadi A, Frinault T, Morris AD, Gharbaoui T, Benhida R, Lechevallier A, New and straightforward access to olefins, butenolides and β-nitro γ-butyrolactones from precursors obtained *via* $S_{RN}1$ reactions, 1019
Bischoff L -- *See* Greck C *et al*, 429
Blanc A -- *See* Chassonnery D *et al*, 188
Blanchot-Courtois V, Fétizon M, Hanna I, Prangé T, An approach to the A,B ring system of forskolin using 1,4-dioxene, 794
Blottiau R -- *See* Carrière F, Blottiau R, 683
Boggetto N, Vilain AC, Montagne JJ, Reboud-Ravaux M, Mazaleyrat JP, Xie J, Wakselman M, Cyclic peptides as selective substrates and suicide substrate precursors of trypsin-like proteinases, 152
Boni G, Kubicki MM, Moïse C, Synthesis of bimetallic dibridged complexes $Cp_2Nb(\mu\text{-}PPh_2)(\mu\text{-}dmpm)M'(CO)_4$ (M' = Cr, Mo, W). Crystal structure of $Cp_2Nb(\mu\text{-}PPh_2)(\mu\text{-}dmpm)Mo(CO)_4$, 895
Bonvalet C, Bouquant J, Feigenbaum A, Pete JP, Scholler D, Photocycloaddition of cyclopentenone to propenal acetals, 687
Bouet G -- *See* Djabi F *et al*, 53
Bouix J -- *See* Hannane S *et al*, 262
Bouquant J -- *See* Bonvalet C *et al*, 687
Bourgeois MJ -- *See* Montaudon E *et al*, 253
Bourguignon J -- *See* Berkous R *et al*, 632
Bouzide A -- *See* Cossy J *et al*, 723
Bovy P -- *See* Luhmer M *et al*, 603
Broussier R, Da Rold A, Kubicki M, Gautheron B, Zircona [1] ferrocénophane précurseur de zircona [2] et [3] ferrocénophanes, 951
Brum-Bousquet M -- *See* Guillaume D *et al*, 391

C

Cambon A -- *See* Jouani MA *et al*, 173
Caminade AM -- *See* Colombo-Kather D *et al*, 733 -- *See* Launay N *et al*, 758
Campagnole M -- *See* Montaudon E *et al*, 253
Campistron I -- *See* Reyx D *et al*, 1007
Capony F -- *See* Hamdaoui B *et al*, 854
Carlier R -- *See* Lorcy D *et al*, 774
Carrié R -- *See* Perrocheau J *et al*, 973
Carrière F, Blottiau R, 3-Ethyl-3-phényloxétan-2-ones. II. Etude cinétique et comparaison de la polymérisation avec la polymérisation de la 3-benzyl-3-éthyloxétan-2-one, 683
Casals PF -- *See* Mansri A *et al*, 247
Cazes B -- *See* Gauthier V *et al*, 381
Chabaud F -- *See* Meallier P *et al*, 949
Chantegrel B -- *See* Maudrin J *et al*, 400
Charrier C -- *See* Maigrot N *et al*, 397
Chassonnery D, Chastrette F, Chastrette M, Blanc A, Mattioda G, Réactions de dismutation à partir du glyoxal et de molécules basiques difonctionnelles, 188
Chastanet J -- *See* Gharbaoui T *et al*, 561
Chastrette F -- *See* Chassonnery D *et al*, 188
Chastrette M -- *See* Chassonnery D *et al*, 188
Chautemps P, Gellon G, Morin B, Pierre JL, Provent C, Refaif SM, Beguin CG, El Marzouki A, Serratrice G, Saint-Aman E, Copper (II) complexes with tetradentate N_4 and N_2S_2 ligands: effect of ligands on redox behavior and EPR parameters. Superoxide dismutase-like activity, 434
Che M -- *See* Tatibouët JM *et al*, 754
Chemla F, Julia M, Uguen D, Oxidation of sulfonyl carbanions with lithium *t*-butyl peroxide: formation of β-hydroxy-sulfones, 639
Chernega AN -- *See* Romanenko V *et al*, 748
Chevrou P -- *See* Meallier P *et al*, 949
Cintrat JC -- *See* Parrain JL *et al*, 304
Collange E -- *See* Wang J *et al*, 30, 37
Collignon N -- *See* Fouqué D *et al*, 992 -- *See* Jubault P *et al*, 1001
Colombo-Kather D, Caminade AM, Raynaud B, Jaud J, Majoral JP, Unusual phosphorus tripodal nickel complex and related linear trinikel complex: synthesis and X-ray structures, 733
Cossy J -- Réactions photochimiques de transfert d'électrons. Applications en synthèse organique, 344 -- ***, Belotti D, Bouzide A, Thellend A, Short and efficient access to β-ketoamides, 723
Coudert G -- *See* Anceau C *et al*, 291
Courtieu J -- *See* Ouvrard BN *et al*, 227 -- *See* Berdagué P *et al*, 335
Cousson A, Gazeau C, Gesson JP, Jacquesy JC, Rambaud D, Renoux B, Stereochemistry of N-acyliminium ion cyclization with 1-bromoalkynes using strong acids, 95
Coustard JM -- *See* Jouannetaud MP *et al*, 284
Cros S -- *See* Bernardi E *et al*, 944
Curci M -- *See* Robert D *et al* ,*1015*
Custodero E -- *See* Donnet JP, Custodero E, 115

D

Da Rold A -- *See* Broussier R *et al*, 951
Daninos S, Al Mourabit A, Ahond A, Bedoya Zurita M, Poupat C, Potier P, Synthèse de métabolites marins 2-aminoimidazoliques : clathrodine et 3'-amino-1'-[2-aminoimidazol-4(5)-yl]-prop-2'-ène, 590
Danion-Bougot R -- *See* Perrocheau J *et al*, 973
Daran JC -- *See* Kanj A *et al*, 715
Dauphin G -- *See* Anceau C *et al*, 291
Davidson P -- *See* Malthête J, Davidson P, 812
Decroix B -- *See* Berkes D *et al*, 986
Defrance S -- *See* Pattou D *et al*, 78
Dejaegere A -- *See* Luhmer M *et al*, 603
Denat F -- *See* Launay N *et al*, 758
Deshayes C -- *See* Maudrin J *et al*, 400
Deslongchamps P -- *See* Dory YL *et al*, 121, 142 -- *See* Soucy P *et al*, 271
Desmartin A -- *See* Meallier P *et al*, 949
Dewynter G -- *See* Hamdaoui B *et al*, 854
Diyizou Y -- *See* Yamamoto M *et al*, 317
Djabi F, Meullemeestre J, Vierling F, Bouet G, Khan MA, Chlorocomplexes du cuivre(II) dans le propan-1-ol et le butan-2-ol. Effet de la position du groupement OH, 53
Dollé V -- *See* Yamamoto M *et al*, 317
Donnet JB -- *See* Lebgaa D *et al*, 763
Dörr A, Gudat D, Hänssgen D, Hens H, Stahlhut E, Multinuclear magnetic resonance study of sterically crowded stannylphosphines and stannylamines: stereochemical influences on chemical shielding and spin-spin couplings, 674
Dory YL, Ouellet C, Berthiaume S, Favre A, Deslongchamps P, First evidence of a chair-boat-boat transition state in the transannular Diels-Alder reaction, 121 -- ***, Soucy P, Deslongchamps P, Selective synthesis of *trans-anti-cis* (TAC) tricycles from the transannular

Diels-Alder of TTT macrocyclic trienes, 142 -- *See* Soucy P *et al*, 271
Doutheau A -- *See* Maudrin J *et al*, 400
Dubac J -- *See* Kanj A *et al*, 715 -- *See* Launay N *et al*, 758
Duchêne A -- *See* Parrain JL *et al*, 304
Dugat D, Gardette D, Gramain JC, Perrin B, Regioselective control of *N*-aryl enaminone alkylation, 66
Duguay G -- *See* Hudhomme P *et al*, 816
Dujardin G, Poirier JM, Addition de Michael d'hétérocycles aromatiques aux cétones α,β-éthyléniques. 3-Oxoalkylation de furanes, indoles et thiophènes, 900
Dulphy H -- *See* Gras JL *et al*, 418
Dumas P -- *See* Spassky N *et al*, 504
Dumont B -- *See* Joly JP *et al*, 369
Dupas G -- *See* Berkous R *et al*, 632
Durand JO, Genet JP, Review: Synthesis of MeBmt C9 amino acid present in cyclosporine, and analogues, 612
Duval O -- *See* Lynch MA *et al*, 718

E

Ehrburger P -- *See* Lebgaa D *et al*, 763
El Baba S, Sartor K, Poulin JC, Kagan HB, Tandem asymmetric syntheses from achiral precursors. Asymmetric homogeneous reduction of bisdehydrodipeptides, 525
El Marzouki A -- *See* Chautemps P *et al*, 434
El-Kattan Y, Gosselin G, Imbach JL, Communication: Stereospecific synthesis of new chiral acyclic guanine nucleoside analogues, 118
El-Youssoufi J, Lepage L, Hétérocyclisation en série benzocyclohepténique : accès à quelques isoxazoles et pyrazoles, 48
Elguero J -- *See* Flammang R *et al*, 636
Elothmani D, Quang TD, Simonet J, Le Guillanton G, Utilisations synthétiques d'une électrode soluble au soufre. III. Création de l'enchaînement C-S-C à partir d'éthers aromatiques et de phénols, 779 -- *See* Quang TD *et al*, 789
Espinat D -- *See* Mellot C, Espinat D, 742
Essalim A, Saint-Aman E, Serve D, Les composés d'inclusion dans les cyclodextrines. Une approche électrochimique, 407

F

Fache F -- *See* Gamez P *et al*, 600
Fan BT -- *See* Mansri A *et al*, 247
Favre A -- *See* Dory YL *et al*, 121
Feasson C -- *See* Jubault P *et al*, 1001
Feigenbaum A -- *See* Bonvalet C *et al*, 687
Férézou JP, Julia M, Li Y, Liu LW, Pancrazi A, Porteu F, Total synthesis of avermectins, part 1. Enantioselective synthesis of the southern part using a sequential Dieckmann-free radical cyclization approach, 865
Ferron B -- *See* Jouannetaud MP *et al*, 284
Fétizon M -- *See* Blanchot-Courtois V *et al*, 794
Fiaud JC -- *See* Gil R, Fiaud JC, 584
Flammang R, Alajarin M, Lopez Leonardo C, Molina P, Elguero J, Behavior of 2,4-bis-imino-1,3-diazetidines under electron impact and flash-vacuum pyrolysis (FVP) conditions, 636
Fontecave M, Pierre JL, Review: The basic chemistry of nitric oxide and its possible biological reactions, 620
Fouqué D, Al-Badri H, About-Jaudet E, Collignon N, α-Pyrazolylalkylphosphonates. Partie I. Synthèse de 1-(pyrazol-3(-5)-yl)-alkylphosphonates, 992
Fourmigué M -- *See* Guyon F *et al*, 217
Fournaise R -- *See* Wang J *et al*, 30, 37
Friedel C, Article historique : Une méthode générale de synthèse des combinaisons aromatiques, 3
Frinault T -- *See* Beugelmans R *et al*,1017

G

Gaggero N, Robert A, Bernadou J, Meunier B, Oxidation of SR 48117, an antagonist of vasopressin V_{1a} receptors, by biomimetic catalysts based on metalloporphyrin or Schiff-base complexes, 706
Gamez P, Fache F, Lemaire M, Asymmetric catalytic reduction of prochiral ketones with supported metal complexes, 600
Gardette D -- *See* Dugat D *et al*, 66
Gautheron B -- *See* Kanj A *et al*, 715 -- *See* Broussier R *et al*, 951
Gauthier V, Grandjean C, Cazes B, Goré J, Utilisation de la carbopalladation d'allènes dans une synthèse rapide d'esters benzoïques trisubstitués, 381
Gazeau C -- *See* Cousson A *et al*, 95
Gellon G -- *See* Chautemps P *et al*, 434
Genet JP -- *See* Greck C *et al*, 429 -- *See* Durand JO *et al*, 612
Gesson JP -- *See* Cousson A *et al*, 95 -- *See* Jacquesy JC *et al*, 658
Gharbaoui T -- *See* Benhida R *et al*, 200 -- ***, Benhida R, Chastanet J, Lechevallier A, Maillos P, Beugelmans R, Dérivés N-alkylés en série purine. Synthèse par chimie radicalaire $S_{NR}1$ et aménagements fonctionnels, 561 -- *See* Beugelmans R *et al*, 1017
Ghiatou N -- *See* Solladié G, Ghiatou N, 575
Ghobsi A -- *See* Arnaud R *et al*, 844
Gil R, Fiaud JC, Selectivities in the palladium-catalyzed synthesis of dimethyl [2-(3-substituted cyclobutylidene)ethyl]malonate, 584
Girard A -- *See* Greck C *et al*, 429
Goré J -- *See* Gauthier V *et al*, 381
Gosselin G -- *See* El-Kattan Y *et al*, 118
Grabchev I, Guittonneau S, Konstantinova T, Meallier P, Photochimie de colorants dérivés de l'anhydride naphtalénique, 828
Gramain JC -- *See* Dugat D *et al*, 66
Grandjean C -- *See* Gauthier V *et al*, 381
Gras JL, Dulphy H, Lejon T, Chiral 1,3-amino alcohols and tetrahydro-1,3-oxazines derived from threitol, 418
Greck C, Bischoff L, Girard A, Hajicek J, Genet JP, Electrophilic amination of carbanions with metallated *t*-butyl N-tosyloxycarbamate, 429
Greif D -- *See* Alvernhe G *et al*, 167
Greiner J -- *See* Sanchez V *et al*, 648
Gruiec R, Noiret N, Patin H, Studies related to fatty acids desaturation. II. Preparation of iso-linoleic and iso-vernolic acids, 699
Gudat D -- *See* Dörr A *et al*, 674
Gudima AO -- *See* Romanenko V *et al*, 748
Guerchais V, Mono- and dinuclear (pentamethylcyclopentadienyl)iron-carbene complexes, 803
Guillaume D, Brum-Bousquet M, Aitken DJ, Husson HP, Cyclopropanation of dibenzylaminoacetonitrile: evaluation of 1,2-dibromides and cyclic 1,2-sulfates as dielectrophiles, 391
Guillaumet G -- *See* Anceau C *et al*, 291
Guittonneau S -- *See* Grabchev I *et al*, 828
Guyon F, Lenoir C, Fourmigué M, Larsen J, Amaudrut J, Syntheses, structures and electrochemical characterization of mixed cyclopentadienyl/dithiolene complexes of Ti(IV), 217

H

Habermann AK, Julia M, Verpeaux JN, Zhang D, Electrophilic behavior of lithiated 1-alkoxyalkyl and 1-alkylthioalkyl sulfones. Regioselective synthesis of enol ethers and vinyl sulfides, 965
Hajicek J -- *See* Greck C *et al*, 429
Hamdaoui B, Dewynter G, Capony F, Montero JL, Toiron C, Hnach M, Rochefort H, Synthèse, étude structurale et propriétés biologiques de bioconjugués de la pepstatine et du mannose-6-phosphate, 854
Hanna I -- *See* Pan J *et al*, 665 -- *See* Blanchot-Courtois V *et al*, 794
Hannane S, Bertin F, Bouix J, Étude par spectrométrie Raman, infrarouge et RMN de la complexation du zirconium par les ions acétate en solution aqueuse, 262
Hanquet B -- *See* Kanj A *et al*, 715
Hänssgen D -- *See* Dörr A *et al*, 674
Hassan AA -- *See* Aly AA *et al*, 45 -- ***, A novel synthesis of thiadiazole and thiadiazine derivatives *via* charge-transfer complexation, 424
Haufe G -- *See* Saluzzo C *et al*, 831
Hazard R -- *See* Mouats C *et al*, 71
Hens H -- *See* Dörr A *et al*, 674
Hnach M -- *See* Hamdaoui B *et al*, 854
Hudhomme P, Poisson V, Raoult E, Pradère JP, Tallec A, Jubault M, Duguay G, Réductions chimique et électrochimique de 6*H*-1,3-thiazines substituées par un groupement aminoacide chiral : étude de la chimiosélectivité et de la diastéréosélectivité, 816
Huet F -- *See* Reyx D *et al*,1005
Husson HP -- *See* Guillaume D *et al*, 391

I - J

Imbach JL -- *See* El-Kattan Y *et al*, 118
Jacques J, Les cours d'Horeau au Collège de France et la détermination des configurations absolues , 501
Jacquesy JC -- *See* Cousson A *et al*, 95 -- *See* Jouannetaud MP *et al*, 284 ***, Berrier C, Gesson JP, Jouannetaud MP, Electrophilic hydroxylation of aromatics in superacids, 658
Jaud J -- *See* Colombo-Kather D *et al*, 733
Joly JP, Nazhaoui M, Dumont B, Synthesis and complexation behavior of some crown ethers derived from D-hexopyranosides and D-mannitol towards racemic phenylglycine salts, 369
Jouani MA, Szönyi F, Trabelsi H, Cambon A, Synthèse de tensioactifs non ioniques F-alkylés polyhydroxylés, 173
Jouannetaud MP, Jacquesy JC, Karam O, Coustard JM, Ferron B, Ipso-chloration des éthers de *para*-alkylphénols par SbF_5-CH_2Cl_2($CHCl_3$, CCl_4) : une nouvelle voie d'accès aux 4-chlorocyclohexa-2,5-diénones, 284 -- *See* Jacquesy JC *et al*, 658
Jubault M -- *See* Hudhomme P *et al*, 816
Jubault P, Feasson C, Collignon N, Réaction de Wittig électrochimique. Partie I. Synthèse de gem-dichloroalcènes, 1001
Juillard J -- *See* Mimouni M *et al*, 58
Julia M, Verpeaux JN, Zahneisen T, Reactions of α-haloallyllithium derivatives with carbon, silicon, tin or boron halides and carbonyl compounds, 539 -- *See* Chemla F *et al*, 639 -- *See* Férézou JP *et al*, 865 -- *See* Habermann AK *et al*, 963

K

Kagan HB -- *See* El Baba S *et al*, 525 -- ****, L'oeuvre scientifique d'Alain Horeau (1909-1992), 492
Kanj A, Meunier P, Hanquet B, Gautheron B, Dubac J, Daran JC, Communication: First examples of 1-benzostannoles with tin-halogen bonds. X-ray crystal structure of 1,1-bis[(bis-tri-

methylsilyl)amino-2,3-diethyl-1*H*-1-benzosta nnole, 715
Kappes R -- *See* Montaudon E *et al*, 253
Karam O -- *See* Jouannetaud MP *et al*, 284
Keller P, Communication: An efficient two-phase nitration of *para*-substituted phenols: application to the synthesis of key intermediates for ferroelectric liquid crystalline compounds, 27
Khamliche L, Robert A, Bakkas S, Réaction du complexe Li_2NiBr_4/THF avec les oxiranes : comportement inattendu d'esters glycidiques, 1032
Khan MA -- *See* Djabi F *et al*, 53
Konstantinova T -- *See* Grabchev I *et al*, 828
Kubicki M -- *See* Boni G *et al*, 895 -- *See* Broussier R *et al*, 951

L

La Spina AM -- *See* Saluzzo C *et al*, 831
Labat G -- *See* Pattou D *et al*, 78
Lachgar M -- *See* Rigaudy J *et al*, 177
Lallemand JY -- *See* Pan J *et al*, 665
Lamartine R -- *See* Selatnia A *et al*, 360
Langlois B -- *See* Xie J *et al*, 167
Lapluye G -- *See* Mansri A *et al*, 247
Larsen J -- *See* Guyon F *et al*, 217
Launay N, Denat F, Caminade AM, Majoral JP, Dubac J, Synthesis and macrocyclization of some bis[formyl (aryl or heteroaryl)]silanes, 758
Laurent A -- *See* Alvernhe G *et al*, 167 -- *See* Arnaud R *et al*, 844
Lazaro R -- *See* Bernardi E *et al*, 944
Le Borgne A -- *See* Spassky N *et al*, 504
Le Dréan I -- *See* Alvernhe G *et al*, 167 -- *See* Arnaud R *et al*, 844
Le Floch P, Ricard L, Mathey F, A new synthesis of 2,2'-biphosphinines, 330
Le Guillanton G -- *See* Elothmani D *et al*, 779 -- *See* Quang TD *et al*, 789
Lebgaa D, Ehrburger P, Papirer E, Donnet JP, Stoeckli HF, Activation chimique des charbons par les hydroxydes, carbonates et oxydes des métaux alcalins, 763
Lechevallier A -- *See* Benhida R *et al*, 200 -- *See* Gharbaoui T *et al*, 561 -- *See* Beugelmans R *et al*, 1019
Lefrançois JM -- *See* Marek I *et al*, 910
Lehn JM -- *See* Méric R *et al*, 579
Lejon T -- *See* Gras JL *et al*, 418
Lemaire M -- *See* Gamez P *et al*, 600
Lemée L -- *See* Montaudon E *et al*, 253
Lenoir C -- *See* Guyon F *et al*, 217
Lepage L -- *See* El-Youssoufi J, Lepage L, 48
Lesniak S -- *See* Arnaud R *et al*, 844
Li Y -- *See* Férézou JP *et al*, 865
Liu LW -- *See* Férézou JP *et al*, 865
Lopez Leonardo C -- *See* Flammang R *et al*, 636
Lorcy D, Robert A, Carlier R, Tallec A, Synthesis and electrochemical characteristics of *N,N'*-bis (1,3-dithiol-2-ylidene)benzene-1,4-diamines, 774
Loupy A, Petit A, Zaparucha A, Mahieu C, Semeria D, Acylation de l'acétamidomalonate de diéthyle. Synthèse et réactivité du 4-éthoxycarbonyl oxazole, 642
Luhmer M, Bartik K, Dejaegere A, Bovy P, Reisse J, The importance of quadrupolar interactions in molecular recognition processes involving a phenyl group, 603
Luque L -- *See* Szymoniak J *et al*, 89
Luu B -- *See* Pannecoucke X *et al*, 693
Lynch MA, Duval O, Pochet P, Waigh RD, Communication: High-yielding total synthesis of fagaronine chloride, 718

M

Mahajan AR -- *See* Sain B *et al*, 313
Mahieu C -- *See* Loupy A *et al*, 642
Maigrot N, Sierra M, Charrier C, Mathey F, Synthesis and characterization of 1,2,3-triphospholide anions, 397
Maillos P -- *See* Gharbaoui T *et al*, 561
Majoral JP -- *See* Colombo-Kather D *et al*, 733 -- *See* Launay N *et al*, 758
Malka K -- *See* Tatibouët JM *et al*, 754
Malthête J, Davidson P, Mesogens based on one flexible triangular DOBOB unit, 812
Manfredi A -- *See* Sanchez V *et al*, 648
Mansri A, Casals PF, Fan BT, Lapluye G, Photoaddition du styrène sur quelques β-polycétones, 247
Marek I, Lefrançois JM, Normant JF, Diastereoselective carbometalation of γ-heterosubstituted vinyl metals, 910
Martino G, Prospects in oil refining, 444
Martins JM -- *See* Reyx D *et al*, 1007
Mathey F -- *See* Le Floch P *et al*, 330 -- *See* Maigrot N *et al*, 397
Mattioda G -- *See* Chassonnery D *et al*, 188
Maudrin J, Barrère B, Chantegrel B, Deshayes C, Quash G, Doutheau A, Synthesis of 5-acetamino-3,4,5-trideoxy-D-manno-non-3-en-2-uloso nic acid α and β methyl ketoside and their behavior towards the sialidase from influenza virus, 400
Mazaleyrat JP -- *See* Boggetto N *et al*, 152
Meallier P -- *See* Grabchev I *et al*, 828 -- ***, Desmartin A, Chabaud F, Chevrou P, Nieman C, Photodégradation de la Rhodamine 640 dans l'éthanol, 949
Mekheimer R, Synthesis and reactions of 2-aminoquinoline-3-carbonitriles, 279
Mellot C, Espinat D, Modèle cristallographique de remplissage des supercages lors de l'adsorption du *para*-xylène et du *méta*-xylène dans la zéolithe BaX, 742
Méric R, Lehn JM, Vigneron JP, Complexation of quaternary ammonium cations by a new basket-shaped macrotricyclic cyclophane, 579
Meullemeestre J -- *See* Djabi F *et al*, 53
Meunier B -- *See* Pattou D *et al*, 78 -- *See* Gaggero N *et al*, 706 -- ***, Pratviel G, Bernadou J, Mise au point : Active species involved in oxidative DNA cleavage, 933
Meunier P -- *See* Kanj A *et al*, 715
Mieloszynski JL -- *See* Robert D *et al*, 1015
Milon A -- *See* Starck JP *et al*, 210 -- *See* Pannecoucke X *et al*, 693
Mimouni M, Pointud Y, Juillard J, Interactions, en solution dans le méthanol, des cations métalliques divalents avec des ionophores d'origine bactérienne, lasalocide et monensine ; aspects thermodynamiques, 58
Mislow K, From recreational mathematics to molecular design, 534
Modro AM -- *See* Muller EL *et al*, 959
Modro TA -- *See* Muller EL *et al*, 959
Moïse C -- *See* Szymoniak J *et al*, 89 -- *See* Boni G *et al*, 895
Molina P -- *See* Flammang R *et al*, 636
Momtaz A -- *See* Spassky N *et al*, 504
Montagne JJ -- *See* Boggetto N *et al*, 152
Montaudon E, Kappes R, Lemée L, Campagnole M, Bourgeois MJ, Synthèse d'hétérocycles spiraniques par décomposition induite de peroxydes insaturés, 253
Montero JL -- *See* Hamdaoui B *et al*, 854
Morin B -- *See* Chautemps P *et al*, 434
Morris AD -- *See* Beugelmans R *et al*, 1019
Mouats C, Hazard R, Raoult E, Tallec A, Electrochemical reduction of *o*-nitrophenoxy compounds: an access to 2*H*-1,4-benzoxazine derivatives, 71
Mourad AFE -- *See* Aly AA *et al*, 45
Muller EL, Modro AM, Modro TA, Phosphonic systems. Part XVI. Reaction of methyl propenylphosphonate carbanion with ketones. Reversal of the nucleophile-electrophile function, 959

N

Nakatani Y -- *See* Starck JP *et al*, 210 -- *See* Yamamoto M *et al*, 317
Nazhaoui M -- *See* Joly JP *et al*, 369
Nieman C -- *See* Meallier P *et al*, 947
Noiret N -- *See* Gruiec R *et al*, 699
Normant JF -- *See* Marek I *et al*, 910

O

Ouellet C -- *See* Dory YL *et al*, 121
Ourisson G -- *See* Starck JP *et al*, 210 -- *See* Yamamoto M *et al*, 317 -- *See* Pannecoucke X *et al*, 693
Ouvrard BN, Ouvrard JM, Courtieu J, Calcul symbolique des spectres RMN 2D de systèmes dégénérés en milieu cristal liquide, 227
Ouvrard JM -- *See* Ouvrard BN *et al*, 227

P

Pan J, Hanna I, Lallemand JY, Studies towards the synthesis of forskolin from carbohydrates. Preparation of 2,3-disubstituted glycals, 665
Pancrazi A -- *See* Férézou JP *et al*, 865
Pannecoucke X, Starck JP, Milon A, Ourisson G, Luu B, Interactions of oxysterols with a lipid membrane model: solid-state ^{2}H-NMR studies, 693
Papirer E -- *See* Lebgaa D *et al*, 763
Paquer D -- *See* Robert D *et al*, 1015
Pâris MR -- *See* Wang J *et al*, 30, 37
Parrain JL, Beaudet I, Cintrat JC, Duchêne A, Quintard JP, Diethoxymethyllithium: generation *via* transmetallation of diethoxymethyltributyltin, stability, nucleophilic reactivity in addition reactions, and use as a precursor of group 14 formylmetals, 304
Pasquon I, New trends in methane conversion and basic petrochemicals, 452
Patin H -- *See* Gruiec R *et al*, 699
Pattou D, Labat G, Defrance S, Séris JL, Meunier B, Preparation, catalytic activity of supported metalloporphyrin catalysts on polyvinylpyridine polymers and related molecular modelling studies (case of a proximal ligand provided by the polymer itself), 78
Perez P -- *See* Berdagué P *et al*, 335
Perrin B -- *See* Dugat D *et al*, 66
Perrocheau J, Danion-Bougot R, Carrié R, Réactions d'ylures de nitrile avec des oléfines *gem*-disubstituées par des groupements électroattracteurs, 973
Pete JP -- *See* Bonvalet C *et al*, 687
Petit A -- *See* Loupy A *et al*, 642
Picq D -- *See* Saluzzo C *et al*, 831
Pierre JL -- *See* Chautemps P *et al*, 434 -- *See* Fontecave M *et al*, 620
Pochet P -- *See* Lynch MA *et al*, 718
Pointud Y -- *See* Mimouni M *et al*, 58
Poirier JM -- *See* Dujardin G, Poirier JM, 900
Poisson V -- *See* Hudhomme P *et al*, 816
Porteu F -- *See* Férézou JP *et al*, 865
Potier P -- *See* Daninos S *et al*, 590
Poulin JC -- *See* El Baba S *et al*, 525
Poupat C -- *See* Daninos S *et al*, 590

Pradère JP -- *See* Hudhomme P *et al*, 816
Prajapati D -- *See* Sain B *et al*, 313
Prangé T -- *See* Blanchot-Courtois V *et al*, 794
Pratviel G -- *See* Meunier B *et al*, 933
Provent C -- *See* Chautemps P *et al*, 434
Pulst M -- *See* Alvernhe G *et al*, 167

Q

Quang TD -- *See* Elothmani D *et al*, 779
Quash G -- *See* Maudrin J *et al*, 400
Quéguiner G -- *See* Berkous R *et al*, 632
Quintard JP -- *See* Parrain JL *et al*, 304

R

Rambaud D -- *See* Cousson A *et al*, 95
Raoult E -- *See* Mouats C *et al*, 71 -- *See* Hudhomme P *et al*, 816
Rasset-Deloge C, Vaultier M, Synthesis and some aspects of the reactivity of 3-borylacrolein, 919
Rautenstrauch V, Review: The two expressions of the Horeau principle, nth-order Horeau amplifications, and scales for the resulting very high enantiopurities, 515
Raynaud B -- *See* Colombo-Kather D *et al*, 733
Reboud-Ravaux M -- *See* Boggetto N *et al*, 152
Refaif SM -- *See* Chautemps P *et al*, 434
Reisse J -- *See* Luhmer M *et al*, 603
Renoux B -- *See* Cousson A *et al*, 95
Reyx D, Martins JM, Campistron I, Huet F, Silylation of phenyl substituents by Me_3SiCl/Li/THF systems in methylphenylsilylene units of polysilanes. Spectroscopic (^{1}H, ^{13}C, ^{29}Si-NMR) studies of 2-[3,4,5,6-tetrakis(trimethylsilyl)cyclohex-1-enyl]heptamethyltrisilane, 1007
Ricard L -- *See* Le Floch P *et al*, 330
Riess JG -- *See* Sanchez V *et al*, 648
Rigaudy J, Lachgar M, Saad MMA, Photoisomerization of 1,4-endoperoxides derived from 1,2,3,4-tetramethylanthracenes and naphthalene, 177
Robert A -- *See* Gaggero N *et al*, 706 -- *See* Lorcy D *et al*, 774 -- *See* Khamliche L *et al*, 1032
Robert D, Curci M, Mieloszynski JL, Paquer D, Réactivité de l'épichlorhydrine avec les acides *O,O'*-dialkyldithiophosphoriques, 1015
Rochefort H -- *See* Hamdaoui B *et al*, 854
Romanenko V, Gudima AO, Chernega AN, Sotiropoulos JM, Alcaraz G, Bertrand G, Reactions of stable (phosphino)(silyl)carbenes with iminophosphines, 748
Roulet JM, Vogel P, Remote substituent effects on the cheletropic and homocheletropic additions of sulfur dioxide to exocyclic polyenes grafted onto bicyclo[2.2.2]octane skeletons, 822

S

Saad MMA -- *See* Rigaudy J *et al*, 177
Sain B, Prajapati D, Mahajan AR, Sandhu JS, Studies on chromosome derivatives: regioselective 1,3-dipolar and 1,4-cycloaddition reactions of 3-cyano-4*H*-1-benzopyran-4-thione, 313
Saint-Aman E -- *See* Essalim A *et al*, 407 -- *See* Chautemps P *et al*, 434
Saluzzo C, La Spina AM, Picq D, Alvernhe G, Anker D, Wolf D, Haufe G, Phénylthio (ou phénylséléno) fluoration d'alcènes et d'alcynes par le N-phénylthio (ou le N-phénylséléno)phtalimide associé aux complexes pyridine,9HF ou Et_3N,3HF, 831
Sanchez V, Manfredi A, Greiner J, Riess JG, (Perfluoroalkyl)- and 1,2-bis(perfluoroalkyl)-iodo- and polybromo ethenes: synthesis and preliminary evaluation as contrast agents for diagnosis, 648
Sandhu JS -- *See* Sain B *et al*, 313
Sartor K -- *See* El Baba S *et al*, 525
Scholler D -- *See* Bonvalet C *et al*, 687
Schurig V, Betschinger F, Kinetic resolution of aliphatic oxiranes mediated by in situ formed molybdenum(VI) (oxo-diperoxo) hydroxy acid amide/chiral diol complexes, 555
Selatnia A, Bassus J, Lamartine R, Réactions gaz/solide organique. Alkylation du 4-*tert*-butylphénol solide par l'isobutène gaz en présence de catalyseurs solides ou liquides. Étude des paramètres de la réaction, 360
Selmi A -- *See* Alvernhe G *et al*, 167 -- *See* Arnaud R *et al*, 844
Semeria D -- *See* Loupy A *et al*, 642
Sepulchre M -- *See* Spassky N *et al*, 504
Séris JL -- *See* Pattou D *et al*, 78
Serratrice G -- *See* Chautemps P *et al*, 434
Serve D -- *See* Essalim A *et al*, 407
Sierra M -- *See* Maigrot N *et al*, 397
Simonet J -- *See* Elothmani D *et al*, 779 -- *See* Quang TD *et al*, 789
Solladié G, Ghiatou N, Short asymmetric synthesis of (+)(*S*) [6]-gingerol from optically active β, δ-diketosulfoxide, 575
Sotiropoulos JM -- *See* Romanenko V *et al*, 748
Soucy P -- *See* Dory YL *et al*, 142 -- ***, Dory YL, Deslongchamps P, Selective synthesis of trans-anti-cis (TAC) or cis-anti-trans (CAT) tricycles from the transannular Diels-Alder of TTT macrocyclic trienes, 271
Spassky N, Dumas P, Le Borgne A, Momtaz A, Sepulchre M, Review: Asymmetric ring-opening polymerization, 504
Stahlhut E -- *See* Dörr A *et al*, 674
Starck JP, Milon A, Nakatani Y, Ourisson G, Extensively deuterated sterols, 210 -- *See* Pannecoucke X *et al*, 693
Stoeckli HF -- *See* Lebgaa D *et al*, 763
Szönyi F -- *See* Jouani MA *et al*, 173
Szymoniak J, Luque L, Besançon J, Moïse C, Niobium(III)-induced reductive coupling of benchrotrenic aldehydes and ketones, 89

T

Tallec A -- *See* Mouats C *et al*, 71 -- *See* Lorcy D *et al*, 774 -- *See* Hudhomme P *et al*, 816
Tatibouët JM, Malka K, Che M, Un nouvel exemple de réaction catalytique oscillante : l'oxydation ménagée du méthanol sur Mo-Ca-O/SiO_2, 754
Thellend A -- *See* Cossy J *et al*, 723
Thomas JM, Bell RG, Wright PA, Landmarks in the evolution of heterogeneous catalysts, 463
Toiron C -- *See* Hamdaoui B *et al*, 854
Trabelsi H -- *See* Jouani MA *et al*, 173

U - V

Uguen D -- *See* Chemla F *et al*, 639
Vaultier M -- *See* Rasset-Deloge C, Vaultier M, 919
Verpeaux JN -- *See* Julia M *et al*, 539 -- *See* Habermann AK *et al*, 963
Viallefont P -- *See* Bernardi E *et al*, 944
Vierling F -- *See* Djabi F *et al*, 53
Vigneron JP -- *See* Méric R *et al*, 579
Vilain AC -- *See* Boggetto N *et al*, 152
Vogel P -- *See* Roulet JM, Vogel P, 822

W

Waigh RD -- *See* Lynch MA *et al*, 718
Wakselman M -- *See* Boggetto N *et al*, 152
Wang J, Collange E, Aymes DJ, Pâris MR, Fournaise R, Propriétés physicochimiques des iodohistidines. I. Etude protométrique de la complexation des cations métalliques Cu(II), Co(II), Ni(II), Cd(II), Zn(II) par la mono- et la diiodohistidine, 30 -- ***, Collange E, Aymes DJ, Pâris MR, Fournaise R, Propriétés physicochimiques des iodohistidines. II. Etude protométrique, oxymétrique et spectrophotométrique de l'oxygénation de leurs complexes du Co(II), 37
Warnock W -- *See* Yamamoto M *et al*, 317
Weissenfels M -- *See* Alvernhe G *et al*, 167
Wolf D -- *See* Saluzzo C *et al*, 831
Wright PA -- *See* Thomas JM *et al*, 463

X - Z

Xie J -- *See* Boggetto N *et al*, 152
Yamada M -- *See* Yamamoto M *et al*, 317
Yamamoto M, Dollé V, Warnock W, Diyizou Y, Yamada M, Nakatani Y, Ourisson G, Studies of the topography of biomembranes: the four-step synthesis of a photoactivatable transmembrane phospholipidic probe and its dideuterated analogue, 317
Zahneisen T -- *See* Julia M *et al*, 539
Zaparucha A -- *See* Loupy A *et al*, 642
Zhang D -- *See* Habermann AK *et al*, 965

Keyword index

A

Acroleins, trifluoromethyl, 167
Acyliminium ions, 95
Adam's catalyst, 210
Aldol condensation, 121, 142
Allylic alkylation, 584
Allylic hydroxylation, 794
Allylsilanes, 539
Allyltin derivatives, 539
Alkenes :
bromofluoro, 95
gem-dichloro, Wittig synthesis, 1001
selenofluorination, 831
thiofluorination, 831
Alkynes, 1-bromo, 95
Aminoalcohols, 188
Aminonitrile, 718
Anthracenes, 1,2,3,4-tetramethyl, 177
Aspartylprotease inhibitor, 854
Aspidosperma alkaloids, 66
Asymmetric alkylation, 612
Asymmetric polymerization, 504
Asymmetric supported catalysts, 600
Avermectins, 865
1*H*-Azirines, 973

B

Bacterial ionophores, 58
Barrelene effect, 822
BaX zeolite, neutron diffraction, 742
Benchrotrenes, 89
Benzene-1,4-diamines, *N,N'*-bis-1,3-dithiolylidene, 774
Benzo[*c*]phenanthridine alkaloid, 718
Benzocycloheptenes, 48
Benzofurans, hexahydro, 865
Benzoic acid, amino, 152
Benzostannole :
synthesis, 715
X-ray crystal structure, 715
2*H*-1,4-Benzoxazines, 71
Bicyclo[2.2.2]octane derivatives, 822
Biocompatibility of halofluorocarbons, 648
Borylacrolein, 919
Bovine trypsin, 152
Bppm, 525
Breast cancers, 854
Bromoenol triflates, 95
Bromofluorocarbons, 648
Butenolides, 1019
γ-Butyrolactones, β-nitro, B94/104

C

C-S-C bond formation, 779, 789
Carbamates, *F*-alkyl, 173
Carbanions :
P=O-stabilized, 959
heterosubstituted, 865
Carbene :
iron complexes, 803
from epoxides, 1032
Carbodiimides, 636
Carbometalations, diastereoselectivity, 910
Carbon black, 115
Carbon-sulfur electrodes, 779,789
Mo-Ca-O / SiO_2 Catalysts, 754
Catecholborane reduction, 575
Cathepsin D, 854
Cheletropic additions, 822
Chiral polymers, 504
Chlamydocin analogs, 944
Cholestane-3,6-dione, 210
Cholestanol, deuterated, 210
Cholesterol, 25-hydroxy, 693
Clathrodine, 590
Coal activation, 763
Complexation thermodynamics, 58
Contrast agents for diagnosis, 648
Copper (II) chlorocomplexes, 53
Coupe du roi, 534
[2+2] Cycloadditions, 665
Cyclobutanones :
optically active, 665
ring expansion, 665
Cyclobutanes, alkylidene, 584
Cyclopentenone, photocycloaddition, 687
Cyclopeptides, 152
Cyclophane, 579
Cyclopropanation reactions, 803
Cyclosporine, 612

D

bis-Dehydrodipeptides, 525
Δ^{12}-Desaturase, 699
Deuteration by H/D exchange, 210
Deuterium (^{2}H) NMR, 693
Dialdehydes, silylated, 758
Diamines, 188
Diastereoselective reductions, 816
Diazetidines, 636
Diazodiketones, photochemical rearrangement, 723
Diazophosphines, 748
Dieckman reaction, 865
Diels-Alder reaction :
intramolecular, 665
transannular, 121, 142
Diepoxides, 177
β,δ,-Diketosulfoxides, 575
gem-Dimetallic compounds, 910
Diop, 525
Dipamp, 525
1,3-Dipolar, cycloadditions, 973
Disproportionation reactions, 188
1,4-Dioxene, 794
Dithiolene ligands, 217
1,3-Dithiolium cations, 774
Dithiophosphoric acid, *O,O'*-dialkyl esters, 1015
DNA, oxidative cleavage, 933
DOBOB derivatives, 812
Drug metabolism, 706
Dyes, naphthalenic, 828

E

Electrochemical reduction, 71, 816
Electrochemistry, 217
Electron transmission microscopy, 763
Electrophilic hydroxylation, 658
Electrosynthesis, 1001
Enaminones, *N*-aryl, 66
Enantiopurity scales, 515
1,4-Endoperoxides, 177
Enones, trifluoromethyl, 844
Epichlorohydrin, reactivity with dithiophosphoric acid esters, 1015
Epoxides, α-esters, 1032
Epoxides, regiospecific opening, 865
Epoxyacids, chiral, 612
Ethanethiol, 2-amino, 167
Extended Hückel calculations, 217

F

Fagaronine, 718
Fatty acids, modified, 699
Ferrocenophanes, 951
Ferroelectric liquid crystals, 27
Flash-vacuum pyrolysis, 636
Forskolin, 665, 794
Friedel-Crafts reaction, historical review, 4
Fullerenes, 115
Furans, 3-oxoalkylation, 900

G

(+) (*S*) [6]-Gingerol, 575
Glucal, tri-*O*-acetyl, 665
D-Glucose, 173
Glucosylamine, 173
Glycals, 2,3-disubstituted, 665
Glyoxal, 188
Guanine *seco*-nucleoside analogues, 118

H

HC Toxin I analogs, 944
α-Haloallyl carbanions, 539
Heterocyclisation, 48
Histidines :
iodo, 30
complexation of transition metal ions, 30
cobalt complexes and oxygen carriers, 37
Homocheletropic additions, 822
Horeau principle, 515
Hydrofluoric-amine complexes, 831
Hydrogen bridging, 822
Hydroxamic acids, cyclic, 71
β-Hydroxy-α-aminoacids, 612
α-Hydroxy-γ-lactones, 865
β-Hydroxysulfones, 639

I

Imidazoles :
N-alkyl-4-nitro, 200
2-amino, 590
Iminophosphines, 748
Indoles, 3-oxoalkylation, 900
Iodofluorocarbons, 648
Iron :
binuclear complexes, 803
carbene complexes, 803
Isocyanates, *F*-alkyl, 173
Isothiocyanates, *F*-alkyl, 173
Isoxazoles, 48

K

β-Ketoamide, synthesis, 723
Ketoketenes, 723
Ketone reduction, NADH models in, 632
Krapcho reaction, 642

L

Lasalocid, 58
iso-Linoleic acids, 699
Liquid crystals, 227, 812
Lithium *tert*-butyl peroxide, 639
Lupinine, 95

M

Macrocyclic trienes, 121, 142
Magnetically equivalent spins, 227
Malonates, acetamido, 642
Mannose-6-phosphate receptor, 854
Marine metabolites, 590
MeBmt, 612
Mesophases, 812
Metalloporphyrins, 78, 706
Metals, vinyl, allylzincation, 910
Methanol oxidation, 754
Michael additions, 167
Molecular recognition, 579, 603
Monensin, 58
Molybdenum (VI) oxo-peroxo complexes, 555

N

NADH models, 632
Naphthalene, 1,2,3,4-tetramethyl, 177
Naphthalenic anhydride derivatives, photochemistry, 828
Naphthocycloheptenes, 48
Nematics, biaxial, 812
Nickelate, tetrabromo, reaction with epoxides, 1032
Niobium (III) reagents, 89
Niobium phosphido complexes, 895
Niobium-molybdenum bimetallic complexes, 895
Niobocene, bis (phosphine) complexes, 895
Nitration, phenols, 27
Nitric oxide, reactivity, 620
Nitrile ylides, 973
O-Nitrophenoxy compounds, 71
Nitrosyl complexes, 620
2D NMR spectra, 227
^{119}Sn NMR, 674
Nucleases, chemical, 933

O

Olefins functionalized, 1019
Organic sulfides, from aromatic hydrocarbons, 779, 789
Oriented bilayers, 693
Oscillation reactions, 754
Oxazoles, 642
Oxazolidin-2-one, 612
Oxetan-2-ones, 3,3-disubstituted, 683
Oxidation catalysis, 706
Oxiranes, kinetic resolution, 555
Oxoalkylation of heterocycles, 900
Oxygen, reversible fixation by cobalt-histidine complexes, 37
Oxysterols, 693

P

Palladium catalysis, 584
[2.2] Paracyclophane, tetraester, 45
Pepstatin, 854
Peptide glycoconjugates, 854
Peptides, antitumoral, 944
Peroxynitrites, 620
Phenol dehydroxylation, 718
Phosphinocarbenes, 748
Phosphonates :
2,4-dioxoalkyl, reaction with hydrazines, 992
allylic anions, 959
pyrazolylalkyl, 992
vinylic, 959
Phosphonium ylides, electrochemical synthesis, 1001
Phosphonodihydrazides, 758
Phosphonohydrazones, 733
Phosphorus macrocycles, 758
Phosphorus tripodal :
ligand, 733
nickel complexes, 733
[2+2] Photocycloadditions, 687
Photoisomerization, 177
Plasmin, human, 152
Poly(vinylpyridine), 78
Polymerization kinetics, 683
Polysilanes, 1007
Prochiral ketones, asymmetric reduction, 600
Product operators, 227
Propenal acetals, photocycloadditions, 687
Protease substrates, 152
Proximal effect, 78
Pyrazoles, 48
Pyridothienoazepines, stereoselective reduction, 986
1-Pyrrolines, 973

Q - R

Quadrupolar interactions, 603
Quaternary ammonium cations, 579
Reductive coupling of carbonyl compounds, 89
Reformatski reaction, 718
Regioselective alkylation, 66
Regioselective Michael additions :
on trifluoromethyl enones, 844
theoretical aspects, 844
Resorcinols, 658
Retroaldol reactions, 200
Rhodamine 640, photodegradation, 949
Ring-opening polymerization, 504
Rosethiophene, synthesis, 900

S

Sacrificial electrodes, 779, 789
Scanning tunnelling microscopy, 115, 763
Schiff-base complexes, 706
Sharpless epoxidation, 865
Silicon macrocycles, 758
Silylation by trimethylchlorosilane, 1007
Spherical tensor basis, 227
$S_{RN}1$:
mechanism, 200
nucleophilic substitutions, 1019
Stannylamines, multinuclear NMR, 674
Stannylphosphines, multinuclear NMR, 674
Stereocontrolled synthesis, 121, 142
Stereoselective hydrogenation, 525
Stereospecific synthesis, 118
Sulfides, vinyl, 865
Sulfolane derivatives, 822
Sulfolene derivatives, 822
Sulfones :
alkoxyalkyl, 865
alkylthioalkyl, 865
Sulfonyl carbanions, oxidation, 639
Sulfur cations, 779, 789
Superacids, 658
Supported catalysts, 78
Surfactants, F-alkylated, 173

T

Tetrathiafulvalenes, 774
α-(Thiazin-2-yl)aminoesters, chiral, 816
Thiofluorination, 831
Thionitrites, 620
Thiophenes, 3-oxoalkylation, 900
Thioureas, *F*-alkyl, 173
Thrombin, human, 152
Titanium
dicyclopentadienyl derivatives, 217
dithiolene complexes, 217
Transition states, chair-boat-boat, 121
Trisilane, cyclohexenylheptamethyl, NMR studies, 1007
Trypsin-like proteases, 162

U

Ureas, *F*-alkyl, 173
Urokinase, human, 152

V

Vasopressin V_{1a} receptors, 706
iso-Vernolic acids, 699
Vilsmeier reaction, 167
Vinyl epoxides, 539
Vinylboronates, 919
Vinylic substitutions, 167

W - X

Wolff rearrangement, 723
Xylene adsorption, 742

Z

SAPO-37 Zeolite, redox properties, 730
Zincation of vinyl metals, 910
Zircona[1] ferrocenophanes, insertion reactions, 951
Zirconaindenes, reactivity, 715